

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053496.D
 Acq On : 9 May 2022 17:05
 Operator : CG/JU
 Sample : N2723-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MMC-PIT2RE

Quant Time: May 09 17:40:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

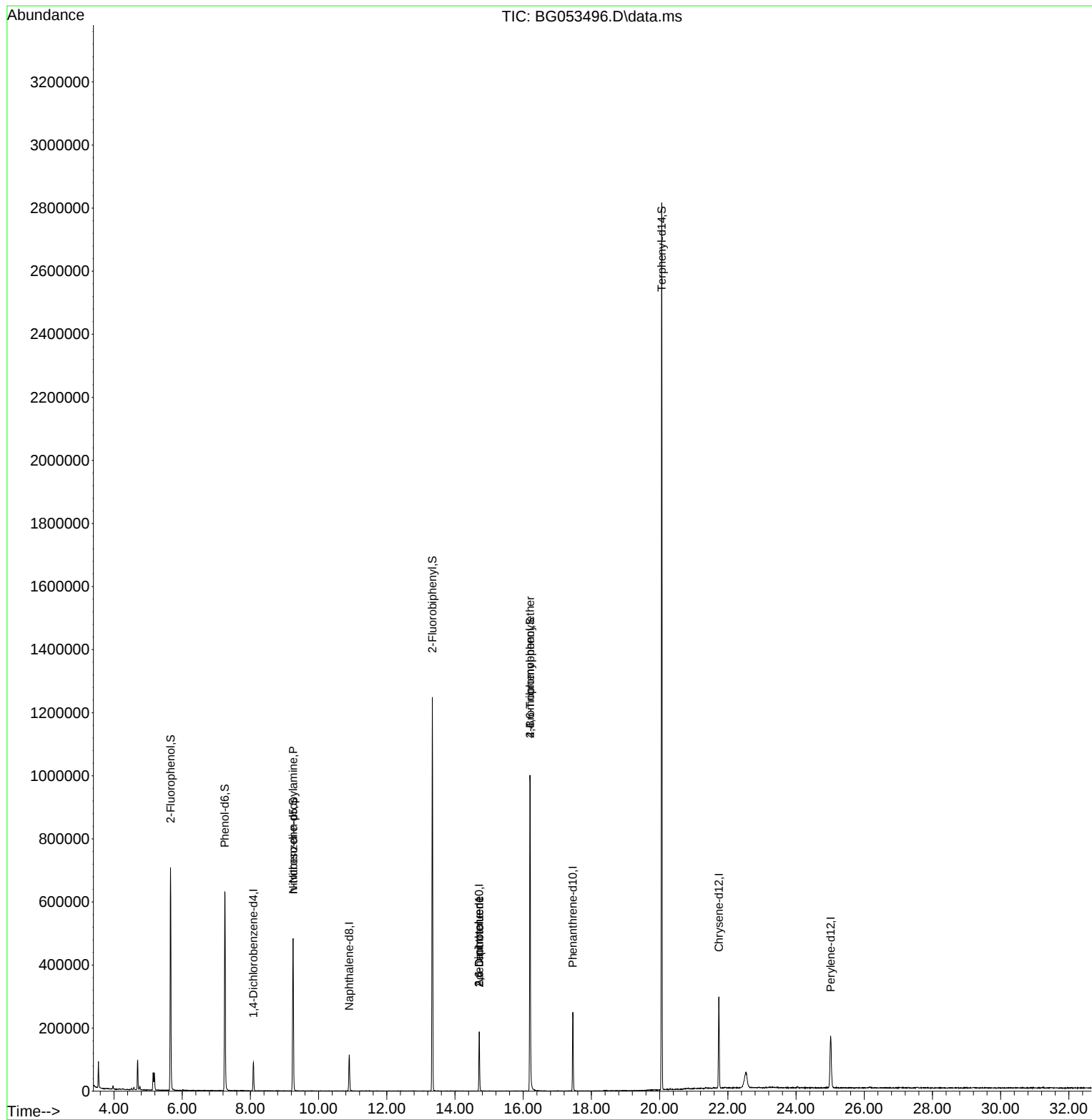
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	24767	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	93746	20.000	ng	-0.01
39) Acenaphthene-d10	14.711	164	67239	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	164786	20.000	ng	-0.01
76) Chrysene-d12	21.737	240	192453	20.000	ng	0.00
86) Perylene-d12	25.015	264	190439	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	282011	193.245	ng	0.00
7) Phenol-d6	7.250	99	366143	165.318	ng	0.00
23) Nitrobenzene-d5	9.254	82	314375	142.752	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	210187	211.947	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	657912	142.982	ng	0.00
79) Terphenyl-d14	20.063	244	1437503	139.115	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.254	70	44117	27.763	ng	# 78
51) 2,6-Dinitrotoluene	14.711	165	8524	8.188	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	8524	5.649	ng	# 21
67) 4-Bromophenyl-phenylether	16.203	248	13874	7.209	ng	# 1

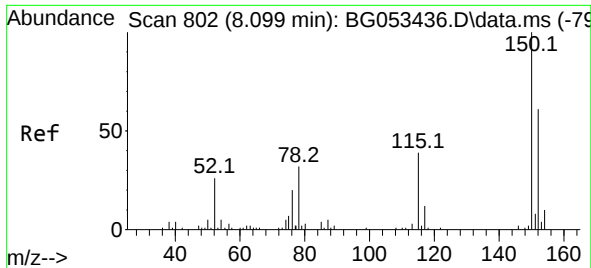
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
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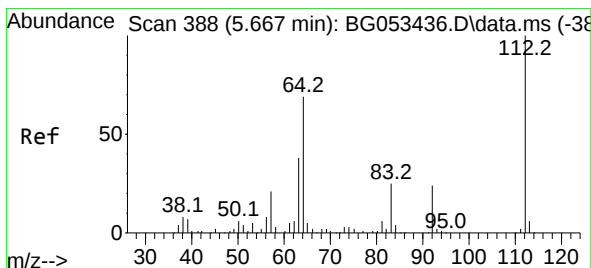
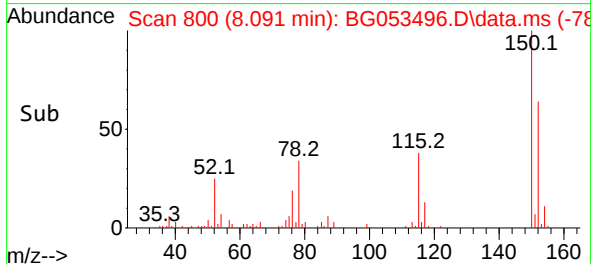
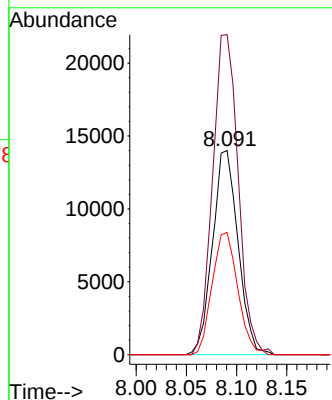
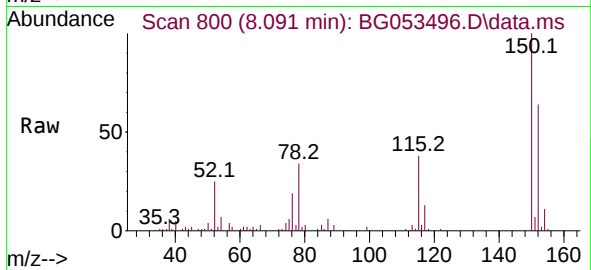




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

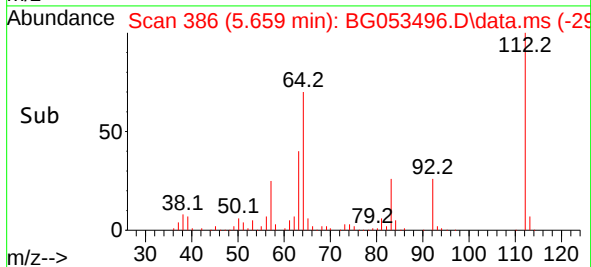
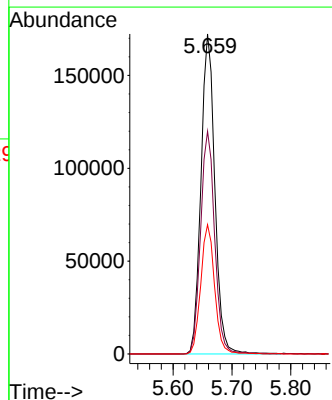
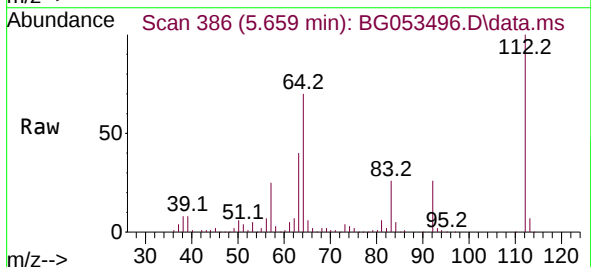
Instrument :
BNA_G
ClientSampleId :
MMC-PIT2RE

Tgt Ion:152 Resp: 24767
Ion Ratio Lower Upper
152 100
150 156.7 131.6 197.4
115 59.8 50.9 76.3



#5
2-Fluorophenol
Concen: 193.245 ng
RT: 5.659 min Scan# 386
Delta R.T. -0.008 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Tgt Ion:112 Resp: 282011
Ion Ratio Lower Upper
112 100
64 69.6 55.1 82.7
63 40.4 30.4 45.6

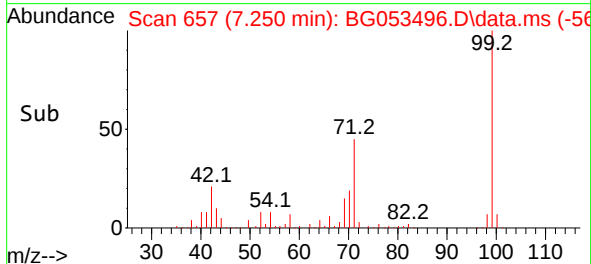
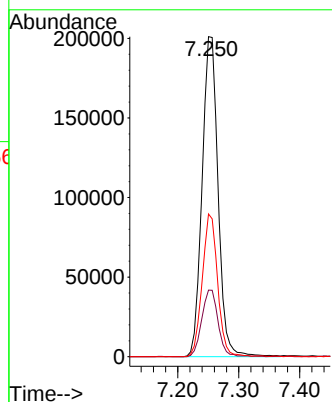
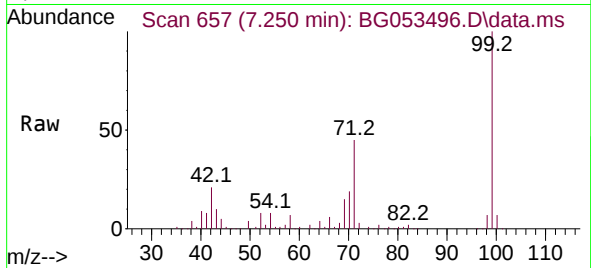




#7
Phenol-d6
Concen: 165.318 ng
RT: 7.250 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

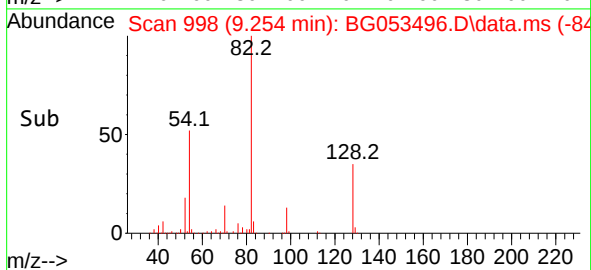
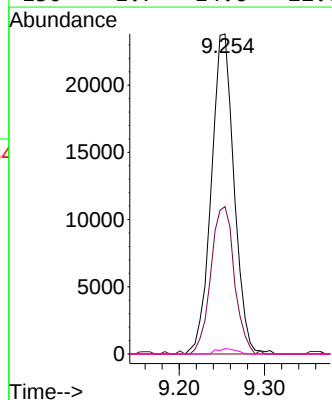
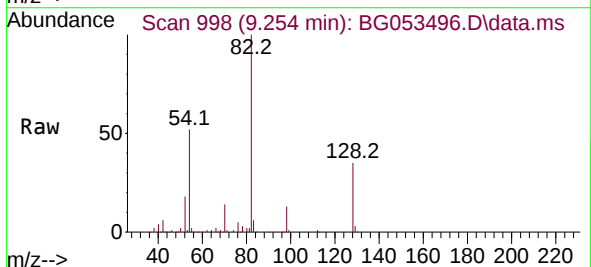
Instrument :
BNA_G
ClientSampleId :
MMC-PIT2RE

Tgt Ion: 99 Resp: 366143
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 44.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 27.763 ng
RT: 9.254 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Tgt Ion: 70 Resp: 44117
Ion Ratio Lower Upper
70 100
42 46.1 47.3 70.9#
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.898 min Scan# 11

Delta R.T. -0.015 min

Lab File: BG053496.D

Acq: 9 May 2022 17:05

Instrument :

BNA_G

ClientSampleId :

MMC-PIT2RE

Tgt Ion:136 Resp: 93746

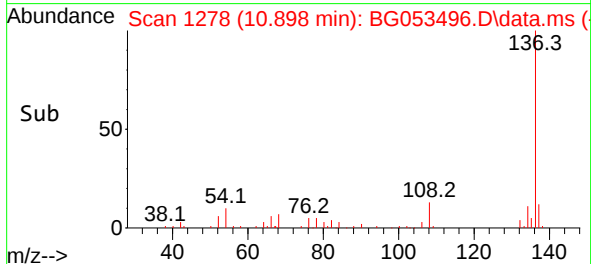
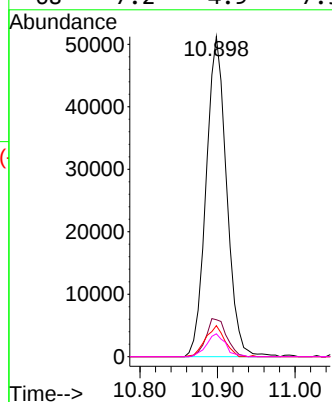
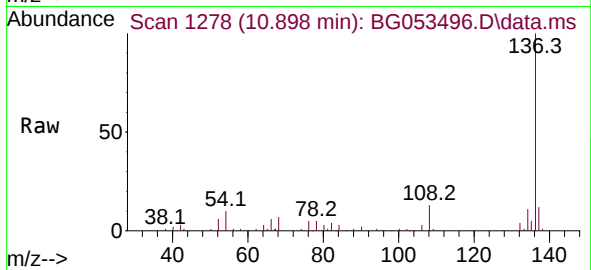
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 9.7 7.4 11.2

68 7.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 142.752 ng

RT: 9.254 min Scan# 998

Delta R.T. -0.008 min

Lab File: BG053496.D

Acq: 9 May 2022 17:05

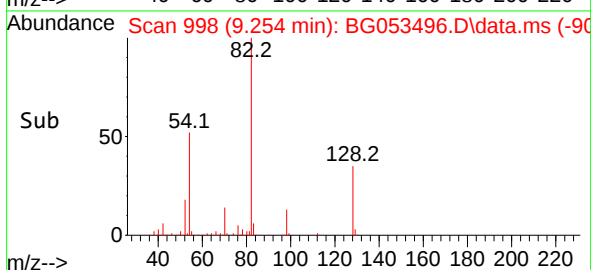
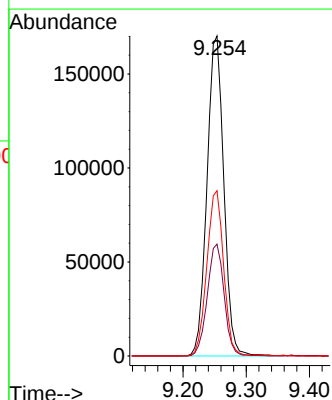
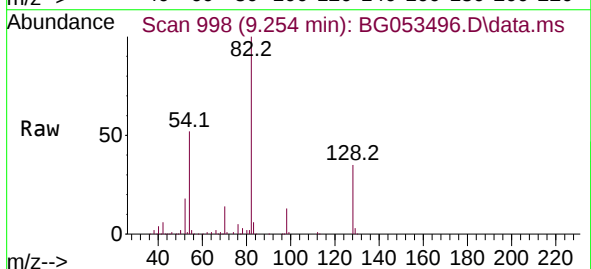
Tgt Ion: 82 Resp: 314375

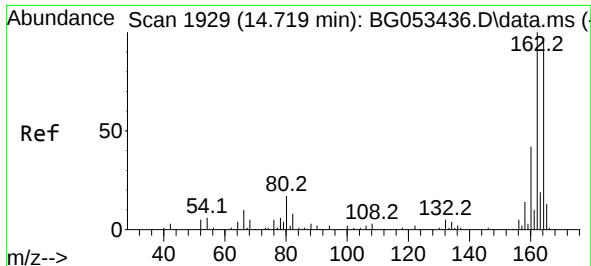
Ion Ratio Lower Upper

82 100

128 34.9 27.9 41.9

54 51.6 41.2 61.8

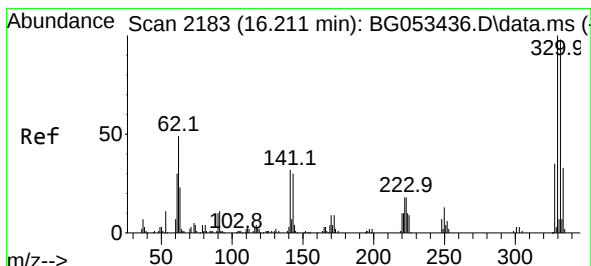
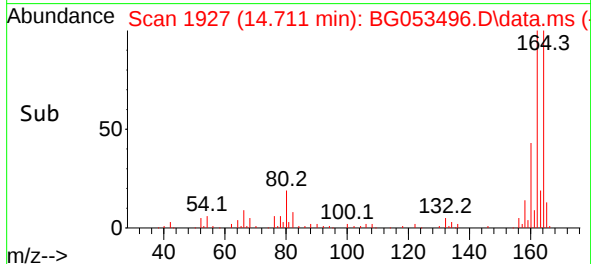
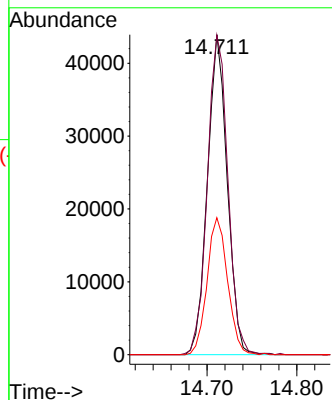
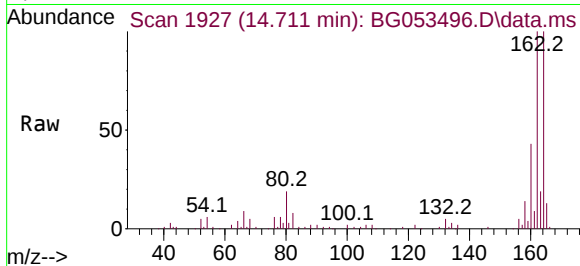




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

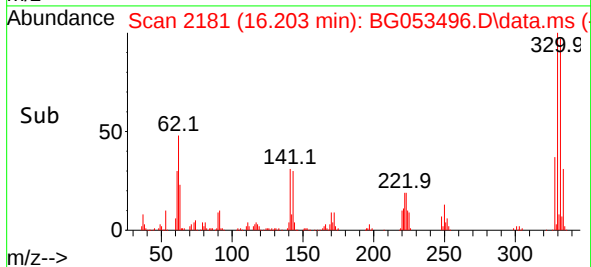
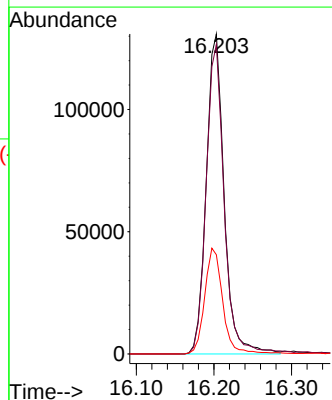
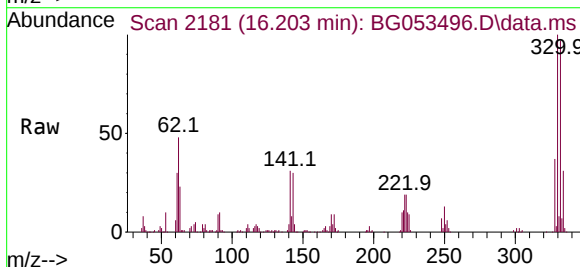
Instrument :
BNA_G
ClientSampleId :
MMC-PIT2RE

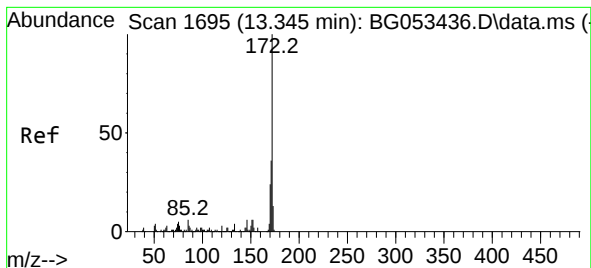
Tgt Ion:164 Resp: 67239
Ion Ratio Lower Upper
164 100
162 99.9 82.3 123.5
160 42.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 211.947 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Tgt Ion:330 Resp: 210187
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 33.5 27.1 40.7

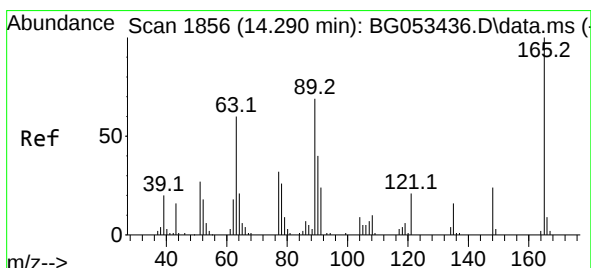
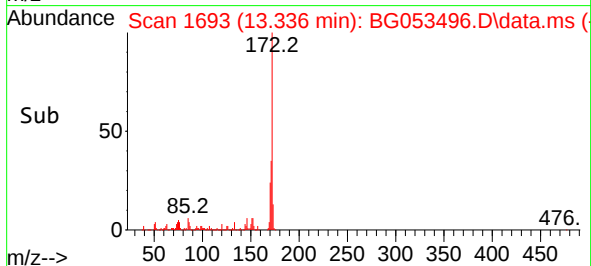
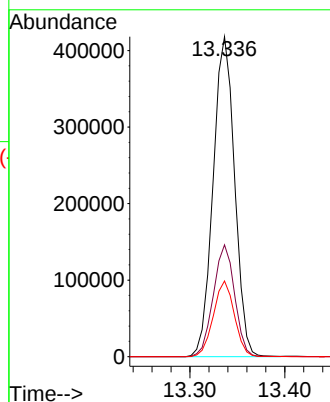
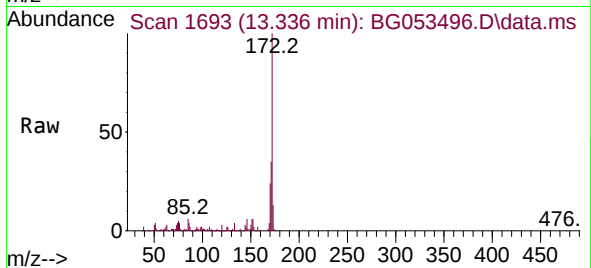




#45
2-Fluorobiphenyl
Concen: 142.982 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

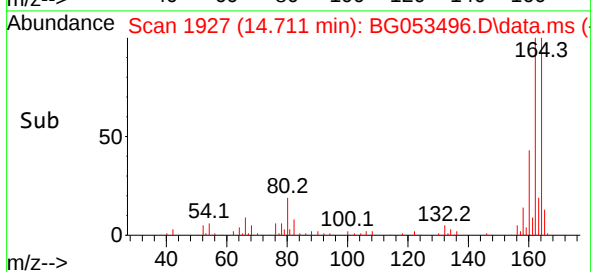
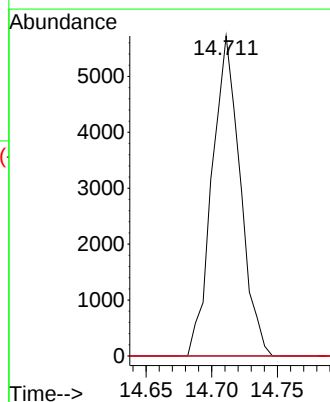
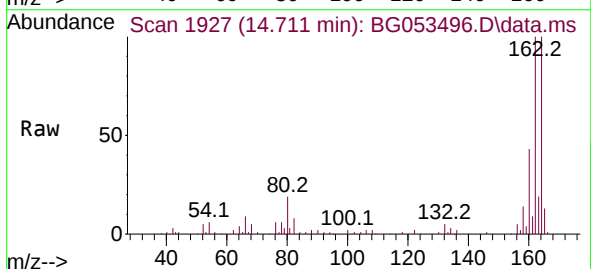
Instrument :
BNA_G
ClientSampleId :
MMC-PIT2RE

Tgt Ion:172 Resp: 657912
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.6 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.188 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.421 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Tgt Ion:165 Resp: 8524
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

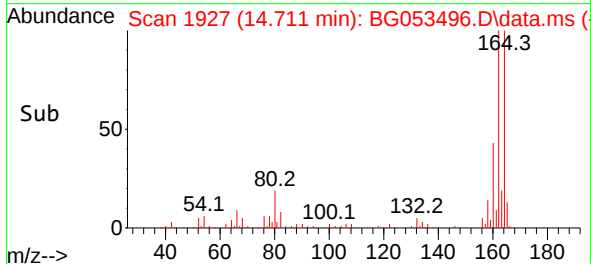
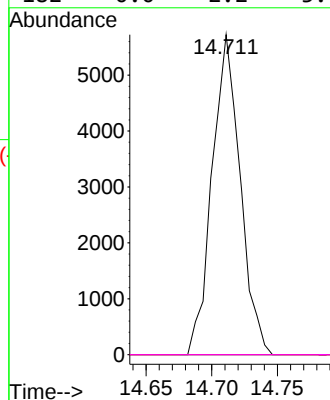
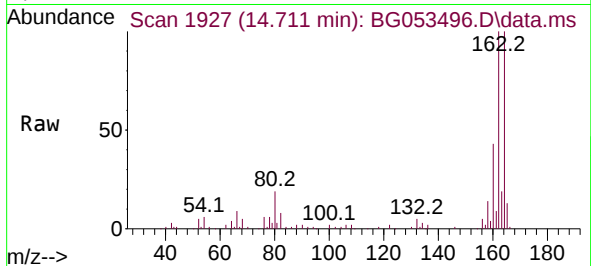




#57
2,4-Dinitrotoluene
Concen: 5.649 ng
RT: 14.711 min Scan# 1991
Delta R.T. -0.372 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

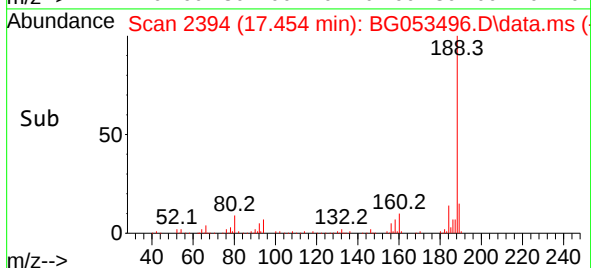
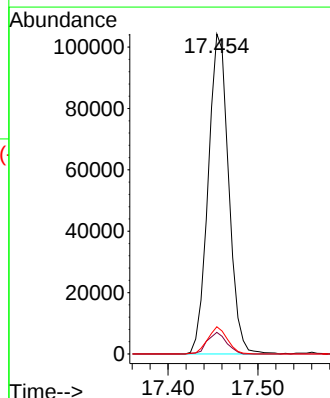
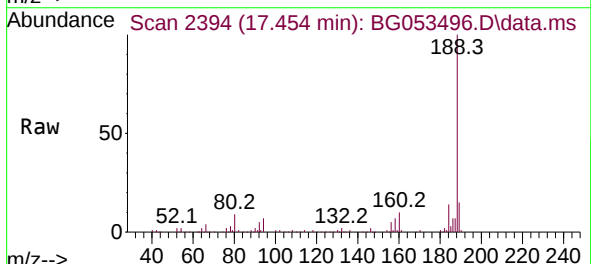
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BNA_G
ClientSampleId :
MMC-PIT2RE

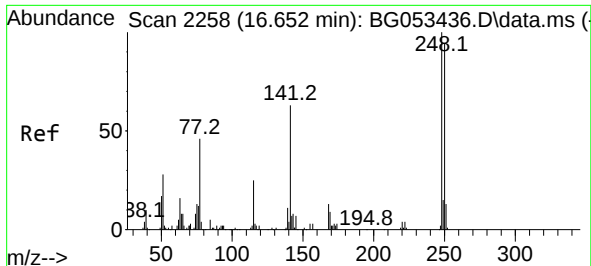
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Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2394
Delta R.T. -0.014 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Tgt Ion:188 Resp: 164786
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 8.5 6.8 10.2

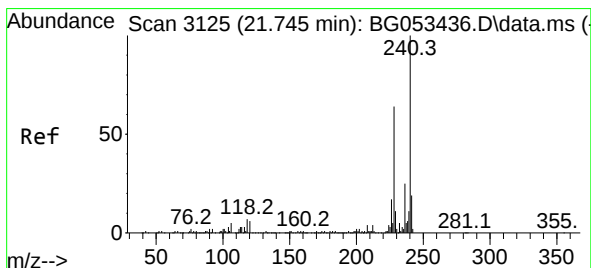
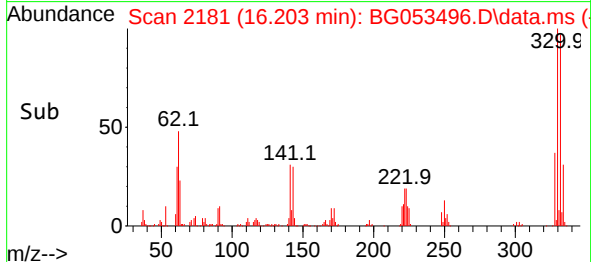
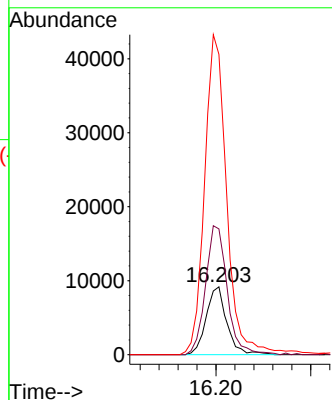
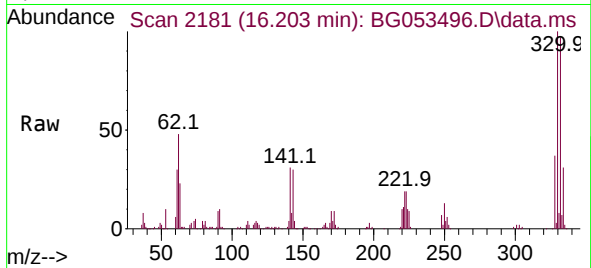




#67
4-Bromophenyl-phenylether
Concen: 7.209 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.449 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

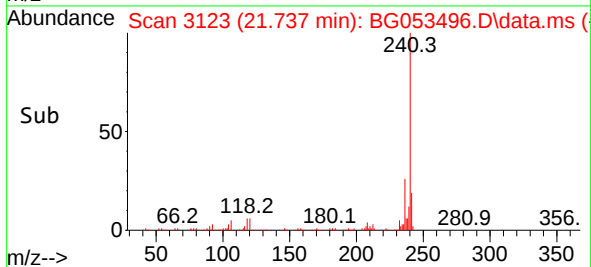
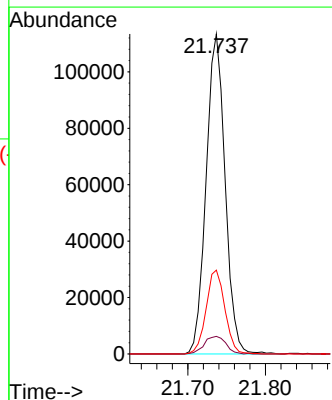
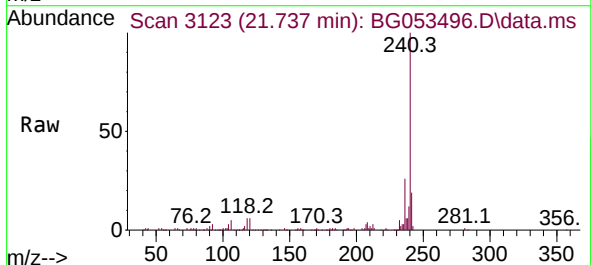
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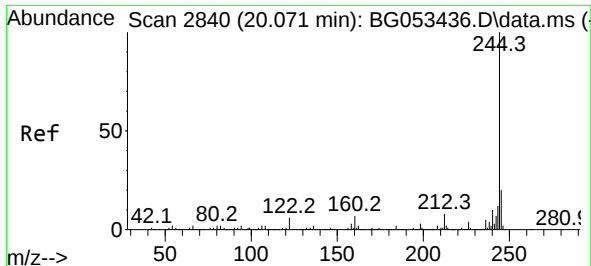
Tgt Ion:248 Resp: 13874
Ion Ratio Lower Upper
248 100
250 185.5 75.2 112.8#
141 442.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Tgt Ion:240 Resp: 192453
Ion Ratio Lower Upper
240 100
120 5.5 4.6 7.0
236 26.2 20.2 30.4

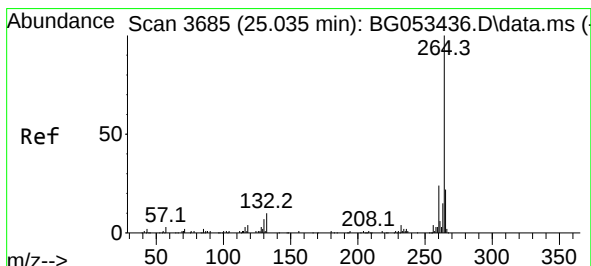
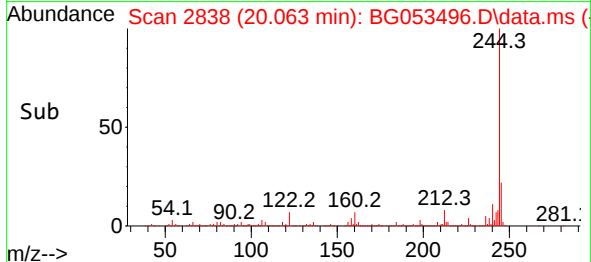
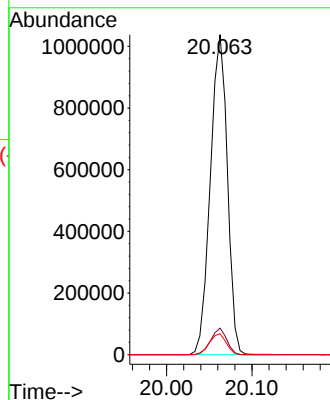
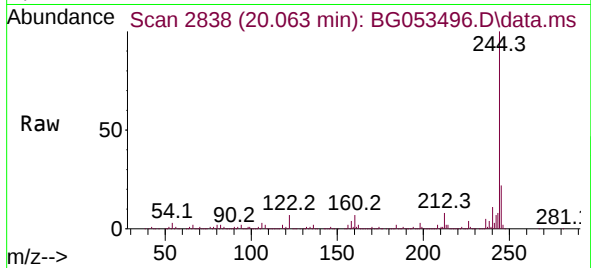




#79
 Terphenyl-d14
 Concen: 139.115 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053496.D
 Acq: 9 May 2022 17:05

Instrument :
 BNA_G
 ClientSampleId :
 MMC-PIT2RE

Tgt Ion:244 Resp: 1437503
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 6.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 3681
 Delta R.T. -0.020 min
 Lab File: BG053496.D
 Acq: 9 May 2022 17:05

Tgt Ion:264 Resp: 190439
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.3 17.4 26.2

